

**CALIFORNIA RESOURCES AGENCY
COASTAL IMPACT ASSISTANCE PROGRAM
PROJECT PROPOSAL FORM**

Department: San Francisco Bay Conservation and Development Commission
Prepared by: Joseph LaClair
Phone number: (415) 352-3656
Address: 50 California Street, Suite 2600
San Francisco, California 94111
E-mail: joel@bcdca.gov
Title of Project: San Francisco Bay Trail Implementation and Construction
Project location: San Francisco Bay Shoreline
Total cost: \$750,000
Funding request: \$750,000

MISSION

To ensure comprehensive and coordinated management, conservation and enhancement of California's ocean and coastal resources for their intrinsic value and for the benefit of current and future generations.

GOALS: Four goals have been established by the State of California to achieve this mission.

Goal 1: Stewardship. To assess, conserve, and manage California's ocean and coastal resources and the ecosystem that supports those resources.

Goal 2: Economic Sustainability. To encourage environmentally sound, sustainable, and economically beneficial ocean and coastal resource development activities.

Goal 3: Research, Education and Technology. To advance research, educational programs, and technology developments to meet future needs and uses of coastal and ocean resources.

Goal 4: Jurisdiction and Ownership. To maximize California's interests in coastal watersheds, State Tidelands, the Territorial Sea, and the Exclusive Economic Zone.

Project Summary:

Consistent with the State of California's mission to ensure comprehensive and coordinated management, conservation and enhancement of California's coastal resources for their intrinsic value and for the benefit of current and future generations and the CIAP Program goals, BCDC proposes a program to increase public access to San Francisco Bay in concert with local and regional partners to facilitate implementation of the Bay Trail Project. Successful completion of the Bay Trail relies in part on the public access provided through the Commission's permit program. This project includes several enhancements to BCDC's public access program and capital outlays to facilitate completion of the trail. The following program of capital funds and program enhancements relies exclusively on partnerships with other agencies to achieve these goals.

In partnership with the Association of Bay Area Government's (ABAG) Bay Trail Project and the State Coastal Conservancy, BCDC will undertake six program enhancements that will: update two BCDC publications that the public, developers and BCDC rely on when designing shoreline access, expand our knowledge regarding public access impacts on wildlife, increase the quantity and quality of shoreline access identification and interpretive signage, convene an ongoing discussion of the appropriate location and design of the Bay Trail adjacent to wildlife habitat restoration sites, prepare, in partnership with the Bay Trail print and electronic maps of shoreline public access areas and provide grants to counties and cities for Bay Trail construction. The grant program will be coordinated with the grant funding programs of the State Coastal Conservancy and the Bay Trail Project to maximize leverage and the amount of trail constructed.

Project Descriptions:

Public Access Design Guidelines Update

BCDC's *Public Access Design Guidelines* (Guidelines) provide recommendations to assist permit applicants, developers, and design professionals to design and develop attractive, usable and safe public access as part of their projects. Since the Guidelines were adopted by the Commission in 1985, new information on appropriate materials and design of public access has evolved and important trends have emerged that are not incorporated in the current Guidelines. A major recommendation of BCDC's recently completed Public Access and Wildlife Study is to update the Guidelines to include siting and design measures that avoid or minimize adverse effects of public access on wildlife. Revision of the Guidelines will include important new information on siting and design techniques that avoid or minimize these effects.

The incorporation of new design information to improve public access generally will provide essential information to the public and BCDC permit applicants, advancing the States goals of education and stewardship. The revision of the Guidelines will include the participation of other public agencies and non-governmental organizations. The Guidelines are then adopted by the Commission and used by staff, the Commission's Design Review Board and the public to evaluate public access designs.

Bay Shoreline Landscape Guide Update

Another project element involves updating the "*Bay Shoreline Landscape Guide: Planting Materials and Methods for San Francisco Bay Shoreline Projects*." The original guide was created in 1984 with financial assistance from the Office of Ocean and Coastal Resources Management, National Oceanic and Atmospheric Administration (NOAA). The guide, which provides recommendations of suitable plants within development projects on the San Francisco Bay shoreline, has been well received and greatly used by developers, design consultants, public agencies and organizations. However, the information in the guide is outdated and insufficient for current development practices. The new guide would include a revised list of appropriate shoreline plants, with an emphasis on shoreline and coastal natives, an up-to-date list of plant sources, and planting guidelines for the zone between tidal areas and adjacent development.

This project element is consistent with the State's goals of research, education and technology, and stewardship. Through the guidance of a technical advisory committee, the project will apply past research concerning appropriate and ecologically sensitive commercial shoreline landscaping. Additionally, the revised guide would continue to be a fundamental part of the ongoing educational program that is required when working within the regulatory framework. Updating this educational and technical document will lead to landscapes with greater wildlife habitat value and will provide for the commercial and recreational uses of the shoreline.

Wildlife and Public Access Study-Third Year Field Research

BCDC will fund one additional year of ground-breaking field research and final data analysis for three years of data gathering on the successful, independent scientific inquiry sponsored by the ABAG Bay Trail Project. The study investigates the potential effects of non-motorized, recreational trail use on shorebirds and waterfowl that use mudflat foraging habitat adjacent to the San Francisco Bay. The study is designed to assess the potential effects of human trail use on the diversity, abundance and behavior of shorebirds and waterfowl in the San Francisco Bay Area through field research using paired trail and non-trail control sites. The following five tasks are proposed to conduct a third year of field research under the "Wildlife and Public Access Study:"

- 20 Research start-up: finalize the analysis of the first two research years and coordinate with the resource agencies to select a new research question for the third year of data collection. The research question will answer additional questions posed by the resource agencies which were not answered in the first two years of study;
- 21 Recruit and train field supervisors and observers;
- 22 Conduct a third year of field research;
- 23 Input, analyze and interpret the data; and
- 24 Prepare a report detailing the research findings and recommendations for siting, design and management strategies that would lessen impacts of public access on wildlife.

No prior field scientific research with a similar level of rigor has been conducted on this topic in San Francisco Bay or elsewhere in the country. As population in the Bay Area increases and ever more people seek recreational opportunities on the Bay shoreline, the potential for adverse effects on wildlife from human recreation increase. This study will advance the States

goals of research and stewardship providing essential scientific information to guide Commission permit decisions to increase protection of important habitat and wildlife resources.

Public Access Sign Program

This project element will improve and expand BCDC's signage program to direct the public to shoreline access areas required in BCDC permits, identify public access area on the Bay shoreline and will improve the amount and quality of interpretive signage. Working in concert with Bay Area Cities and Counties and Caltrans, BCDC will develop a coordinated comprehensive sign program for the Bay shoreline to improve way finding for the public to Bay shoreline access areas from freeways and local streets and roads, and improve the quality and quantity of signage that interprets Bay resources, history and setting. The proposed sign program will include a suite of signs at different based on the particular message and audience. In addition, the project will establish consistent interpretive sign guidelines and develop resource information for permittees unfamiliar with this type of signage to improve the overall quality of shoreline interpretive signs. BCDC's current sign program consists of a singular sign used to identify public access areas. All other interpretive, way finding and public shore parking signs are developed on an ad hoc basis without a coordinated approach. This project advances the State goal of education by improving the quality of information available to the public seeking shoreline recreational opportunities. It also helps achieve the State goal of jurisdiction by more clearly identifying those areas where the State, through BCDC's permit program, has established important public shoreline recreation resources.

Shoreline Access Forum: Bay Trail and Habitat Restoration Areas

BCDC will convene a professionally facilitated forum of biologists, landscape architects, engineers and trail planners to continue the discussion on balancing Bay shoreline public access and wildlife protection that was begun by the Policy Advisory Committee as part of BCDC's recent *San Francisco Bay Plan* public access policy update. This project will expand the scope of the panel to include additional experts to develop a collective vision for public access and wildlife protection for San Francisco Bay that experts and advocates can rally around. Using an overview of the baylands ecosystem restoration goals and the sensitive habitat identification project above, the forum will identify anticipated or current "pressure points" of public access and public access routes and design innovations that minimize wildlife impacts. The discussion will focus primarily on upcoming Bay wetland restoration sites where the Commission is likely to require public access and the potential to plan the public access, including the Bay Trail route around restoration sites so that adverse effects on wildlife can be avoided or minimized. The State mission to ensure comprehensive and coordinated management, conservation and enhancement of California's ocean and coastal resources is precisely what this project is about. By bringing together diverse viewpoints on where and how public access, including the Bay Trail, should be sited, the project increases our chances of achieving consensus and advances State goals on stewardship and jurisdiction, because maximizing resource protection and shoreline access will be the focus of this effort.

Bay Trail Grant Funding

In partnership with CIAP recipient counties, the Bay Trail Project and the State Coastal Conservancy, BCDC will fund the construction of difficult to achieve segments of the Bay Trail. The Bay Trail Project is currently reviewing applications for construction and planning various segments of the Bay Trail. The State Coastal Conservancy is disbursing State general funds and State Park Bond funds to local governments for implementation of other segments of the Bay Trail. However, these funds are insufficient to complete the Bay Trail. BCDC, working in close cooperation with the Bay Trail Project and State Coastal Conservancy can optimize the expenditure of these funds to target those trail segments most ready to construct, those that will link up the most existing miles of shoreline trail and those that have the greatest level of local government support. Since neither agency has sufficient funding for all qualified projects, this program could leverage funds from CIAP counties to develop Bay Trail projects that might otherwise not obtain funding. The grant fund program will be modeled after the successful program developed by the Bay Trail Project and State Coastal Conservancy so that no staff time will be needed to develop the criteria and application materials for projects. Screening of potential projects with our partners will ensure maximum leverage of other funding and trail construction. This project advances the economic sustainability goals of the State by encouraging environmentally sound development of public trails and will accommodate future needs and uses of Bay shoreline resources.

Public Access Publication

This project element will in partnership with the ABAG Bay Trail Project, update and publish the Bay Trail maps and produce them for distribution in areas stores, and post them on both ABAG and BCDC websites for widespread public access. Although many miles of San Francisco Bay shoreline are improved for public access, little effort has been expended thus far, to notify the public of the availability of these recreational resources. The Bay Trail currently has posted maps of the route of the Bay Trail on its website. However, these maps are out of date, and do not include many of the public access areas obtained through BCDC permits. This project will update the maps to reflect the current route of the Bay Trail, and include all BCDC public access areas. Printed and electronic maps will be available to the public. Since BCDC and the ABAG Bay Trail project are both updating their respective maps with other funding, this project would take advantage of that investment and extend the capability of the project.

Project Timelines and Budgets:

PUBLIC ACCESS DESIGN GUIDELINES UPDATE PROJECT SCHEDULE	
Task	Duration
BCDC staff draft revised guidelines	1 month
Review draft guidelines with Technical Advisory Committee	1 month
Revise guidelines and add graphics	1 month
Review revised guidelines with Technical Advisory Committee	1 month
Adoption of Guidelines by Commission	1 month
Prepare final guidelines and print	1 month
TOTAL	6 months

PUBLIC ACCESS DESIGN GUIDELINES UPDATE BUDGET	
Task	Cost
Document design/layout (consultant services)	\$10,000
Graphics (consultant services)	\$10,000
Printing	\$10,000
TOTAL	\$30,000
BCDC staff time Match (0.53PY)	\$50,000

SHORELINE LANDSCAPE GUIDE UPDATE PROJECT SCHEDULE	
Task	Duration
Form Technical Advisory Committee (TAC), outline and complete research	2 Months
Develop draft landscape guide	1 Month
Review draft landscape guide with TAC	1 Month
Revise landscape guide and circulate for comments	1 Month
Prepare final landscape guide and print	1 Month
TOTAL	6 Months

SHORELINE LANDSCAPE GUIDE UPDATE PROJECT BUDGET	
Task	Cost
Document design/layout (consultant services)	\$10,000
Graphics (consultant services)	\$15,000
Printing	\$10,000
TOTAL	\$35,000
Match BCDC staff time (0.3 PY)	\$50,000

Wildlife and Public Access Study-3rd Year Field Research PROJECT BUDGET	
Task	Cost
Task I – Research Start-up	\$ 25,000
Task II – Recruit and Train Field Staff	\$ 7,500
Task III – Conduct Field Research	\$ 70,000
Task IV – Input, Analyze and Interpret Data	\$ 20,000
Task V – Prepare Research Report with Findings/Recommendations	\$ 10,000
Total Research Budget	\$132,500
Match BCDC staff time (0.1 PY)	\$16,000

Wildlife and Public Access Study-3rd Year Field Research PROJECT SCHEDULE	
Milestones and Deliverables	Duration
Research Start-up	Month 1
Recruit and Train Field Staff	Months 1-3
Establish Study Sites	Month 3
Conduct Field Research	Months 4-16
Input, Analyze and Interpret Data	Months 17-22
Prepare Research Report	Months 23-24
TOTAL	24 Months

PUBLIC ACCESS SIGN PROGRAM PROJECT BUDGET	
Task	Cost
Develop RFP for and Hire Sign Program Consultant (BCDC Staff)	--
Consult Agencies to Refine Program Scope	\$15,000
Develop Sign Program	\$30,000
Purchase and Distribute Signs	\$55,000
Total Budget	100,000
Match BCDC staff time (0.32PY)	\$35,000

PUBLIC ACCESS SIGN PROGRAM PROJECT SCHEDULE	
Milestones and Deliverables	Duration
Develop RFP for and Hire Sign Program Consultant (BCDC Staff)	1 month
Consult Agencies to Refine Program Scope	3 months
Develop Sign Program	5 months
Purchase and Distribute Signs	2 months
TOTAL	11 Months

FORUM PROJECT BUDGET	
Task	Cost
Identify Forum Participants and Program of Topics	--
Develop RFP and Hire Facilitation Consultant-Conduct Meetings	\$25,000
Produce Maps and Graphics of Trail Routes and Designs	10,000
Total	\$35,000

FORUM PROJECT SCHEDULE	
Milestones and Deliverables	Duration
Identify Forum Participants and Program of Topics	1 Month
Develop RFP and Hire Facilitation Consultant	1 Month
Conduct Series of Meetings	12 Months
Produce Maps and Graphics of Trail Routes and Designs	1 Month
Total	15 Months

PUBLIC ACCESS DESIGN GUIDELINES UPDATE PROJECT SCHEDULE	
Task	Duration
BCDC staff draft revised guidelines	1 month
Review draft guidelines with Technical Advisory Committee	1 month
Revise guidelines and add graphics	1 month
Review revised guidelines with Technical Advisory Committee	1 month
Adoption of Guidelines by Commission	1 month
Prepare final guidelines and print	1 month
TOTAL	6 months

PUBLIC ACCESS PUBLICATION PARTNERSHIP	
Task	Cost
Update existing public access area maps (NOAA Grant Project)	--
Update Bay Trail Alignment (ABAG Project)	--
Combine Maps	\$10,000
Hire Consultants for Print Map Design	\$10,000
Hire Consultants for Web Page Design	\$10,000
Print Maps	\$10,000
TOTAL	\$40,000
BCDC staff time Match (0.2 PY)	\$35,000

PUBLIC ACCESS PUBLICATION PARTNERSHIP	
Task	Cost
Update existing public access area maps (NOAA Grant Project)	3 Months
Update Bay Trail Alignment (ABAG Project)	3 Months
Combine Maps	1 Month
Hire Consultants for Print Map Design	2 Months
Hire Consultants for Web Page Design	2 Months
Print Maps	1 Month
TOTAL	12 Months

Budget Summary	
Project	Funding
Public Access Design Guidelines	\$30,000
Shoreline Landscape Guide Update	\$35,000
Wildlife and Public Access Study-3rd Year Field Research	\$132,500
Public Access Sign Program	\$100,000
Shoreline Access Forum: Bay Trail and Habitat Restoration Areas	35,000
Public Access Publication Partnership	\$40,000
Bay Trail Project Grant Funding	\$377,500
Total	\$750,000

**CALIFORNIA RESOURCES AGENCY
COASTAL IMPACT ASSISTANCE PROGRAM
PROJECT PROPOSAL FORM**

Department: State Coastal Conservancy
Prepared by: Steve Horn, Deputy Executive Officer
Phone number: (510) 286-4157
Address: 1330 Broadway, Suite 1100
Oakland, CA 94610
E-mail: horn@scc.ca.gov
E-mail: Coastal Trail Implementation Plan
Project location: Coastal Zone shoreline and adjacent
Total cost: \$800,000
Funding request: \$300,000

MISSION

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Project Summary:

The vision of the California Coastal Trail is of a continuous trail from the Oregon to the Mexican border, running along or near the shoreline. The trail would be related to various public and private facilities such as parks, campgrounds, hostels, hotels, and individual access points. Much of the trail already exists, but there are many gaps. Additionally, in some cases the trail runs along the highway or on city streets and makes wide swings away from the coast. It is unsigned in most locations. There is no general agreement on what constitutes the trail in some places or if the current route is adequate or should be changed in the future. The purpose of the Coastal Trail Implementation Plan is to remedy these problems and assist all concerned agencies (especially the Conservancy, Coastal Commission, State Parks, Caltrans and the State Lands Commission) in coordinating their efforts to accomplish this vision within the next few years.

These requested funds would be used to create extensive maps and accompanying text describing various segments of the Coastal Trail that would detail the character and location of existing trail segments and show where new trails could be located. The maps would show where the trail could be constructed on existing public properties or similarly accessible lands, and where rights of way should be acquired to complete various segments. The maps would also detail the conditions of existing and proposed trail locations, including topography, environmentally sensitive areas, potential hazards, and various amenities.

Detailed maps would also be developed at a parcel-level scale to be used in project development. They would be used to designate specific properties for trail construction and rights-of-way acquisitions. They could also be used to more accurately designate trail routes for various user groups. For example, it may be necessary in some cases to designate separate routes for cyclists or equestrians and to specify locations where special emphasis should be placed on facilities and trails for people who have limited mobility.

Mapping would be done using standard geographic information system (GIS) software and could be easily updated. The maps would be used to plan and prioritize the development of the Coastal Trail, including developing detailed capital needs projections for the trail.

Consistency with Mission and Goals:

Development of an implementation plan for the California Coastal Trail would provide a coordinated, comprehensive solution to the problem of providing shoreline access for California residents and visitors, consistent with the mission of the Coastal Impact Assistance Program.

This effort would make a significant contribution to the management of coastal resources lands, through assuring that recreational facilities needed to meet the demands of population growth are integrated into the natural environment in a sensitive manner (Goal #1). The Coastal Trail Implementation Plan would also assure that the efforts of local, State and federal jurisdictions to develop coastal access facilities are complementary and promote the State's interests (Goal #4).

Project Budget and Funding Sources:

Summary of Budget

Organize and convene technical oversight committee	\$ 20,000
Design and implement public outreach program	25,000
Complete final project work program and schedule	10,000
Select and employ professional consultants as needed	300,000
Design and develop electronic database/mapping system	35,000
Assemble and display existing CT conditions information	45,000
Assemble and display existing CT plans	15,000
Assemble and display environmental resources/constraints	25,000
Analyze and display priority actions to complete CT	60,000
Analyze and display implementation budget and timeline	10,000
Analyze and display initial projects	75,000
CEQA analyses and documentation	75,000
Complete, publish and present reports	30,000
Project administration	<u>75,000</u>
 <u>Total Project Cost</u>	 \$ 800,000

Funding Sources

Coastal Conservancy Proposition 12	\$ 500,000
Proposed CIAP Grant	<u>300,000</u>
	\$ 800,000

Project Implementation Timetable:

Organize project management, technical oversight and public outreach program	1 month
Complete final project work program and schedule	2 months
Select database/mapping consultants	2 months
Design and construct database system	2 months
Assemble and display existing conditions information	4 months
Prepare and present interim report: priority actions to complete the Coastal Trail	2 months
Prepare and display six-year project implementation budget and timeline	3 months
Design and display initial implementation projects	3 months
Complete CEQA analysis on draft final report	2 months
Complete and present final report: Coastal Trail implementation program	<u>1 month</u>
 Total implementation	 21 months

**CALIFORNIA RESOURCES AGENCY
COASTAL IMPACT ASSISTANCE PROGRAM
PROJECT PROPOSAL FORM**

Department: California Coastal Commission, Monterey Bay National Marine Sanctuary (MBNMS)
Prepared by: William J. Douros, Superintendent and Karen Grimmer, Multicultural Education Specialist
Phone number: (831) 647-4201
Address: 299 Foam Street
Monterey, CA 93940
E-mail: William.Douros@noaa.gov; Karen.Grimmer@noaa.gov
Title of project: Implementation of Site-Based Bilingual Ocean Outreach Program
Project location: Elkhorn Slough National Estuarine Research Reserve, California State Parks
Total cost: \$50,000
Funding request: \$50,000

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Project Summary:

Over the past nine months, NOAA's Monterey Bay National Marine Sanctuary has developed a Hispanic component to its Multicultural Education Plan. There are three modules to the Hispanic outreach program, termed MERITO (Multicultural Education for Resource Issues Threatening Oceans):

- Professional Development Program for Hispanic-serving teachers, undergraduate and graduate level students to include the production of a set of universal, Spanish-language bilingual curricula and materials that can be utilized by other national marine sanctuaries, national estuarine research reserves and coastal zone management programs.
- Site-Based Bilingual Ocean Outreach Program for Hispanic youth and families in conjunction with the Elkhorn Slough National Estuarine Research Reserve and California State Parks.
- Community-Based Bilingual Ocean Outreach Program for Hispanic youth, families and migrant farm workers.

Many local public schools, often predominantly Hispanic, conduct field trips to the Elkhorn Slough and several State Parks and beaches. Hispanic students rarely return to the sites with their families on weekends. The Site-Based Bilingual Ocean Outreach Program, targeting three state parks/beaches and Elkhorn Slough, will develop bilingual materials and programs aimed at Spanish-speaking students with the goal to increase visitation and wise use of these sites by families after a school field trip. The program will also reach out to Hispanic communities and present these four sites as viable, important places for family outings on weekends and holidays.

Education materials will address how families can protect these areas when they visit, how they can take action in their own lives to protect the ocean, and why ocean protection is a role all coastal citizens share. A variety of innovative, hands-on programs will encourage children, families, and adults to get actively involved, and will provide tangible "take home messages" in the form of a simple brochures, coloring books, stickers, or crafts that participants can bring home and pass on to their families and friends. Special evening and weekend interpretive programs will urge families to visit sites successively in order to experience a variety of coastal habitats and learn more about how these places connect to each other, and to our communities. Outreach will include Spanish language materials about the four coastal sites and the Sanctuary.

MERITO was developed in response to the present and growing need to reach out to the diverse communities who use ocean and coastal resources protected by the Monterey Bay National Marine Sanctuary. Extensive community-based planning with leaders of universities, government agencies, school districts, city-run after-school programs from San Mateo County to San Luis Obispo County directed the Sanctuary to these three areas of need. By collaborating with the Elkhorn Slough National Estuarine Research Reserve and California State Parks, we will increase the amount and effectiveness of our outreach to Hispanic communities.

Consistency with Mission and Goals of CIAP:

The coast of California continues to be the most popular tourist and vacation destination in the State. As the State population expands, more Spanish-speaking residents of Hispanic culture use these important resources, yet typical education and outreach programs do not reach this diverse and growing community. For example, over 47% of Monterey County residents are Hispanic, yet nearly all education programs at State and federally-protected sites are in English. The main mission of the California Resources Agency CIAP will not be met unless the basic ocean and coastal outreach programs recognize this cultural diversity and design outreach efforts to reach our communities.

Goals 1, 2 and 3 are similarly affected if there is no formal program to reach the growing cultural divide among coastal users. Yet, when awareness among citizenry is properly raised, we have found that sound stewardship and sustainable practices closely follow. The future needs of coastal and ocean resources, as noted in Goal 3, involve more expanded education to Hispanic communities, and MERITO, with its site-based ocean outreach effort in central California is the precise program to deliver on that goal.

Timeline:

February/March 2002

Recruit, train and provide orientation for a bilingual, outreach instructor; purchase and prepare needed program equipment; facilitate program planning meetings with Calif. State Parks, ESNERR and MBNMS in order to develop a memorandum of agreement. This MOU will identify each agencies responsibility, describe program goals; prioritize program activities, locations and, schedules; identify program support needs; and put in place evaluation criteria. Meetings with any ancillary partners such as nonprofits, school districts, and after-school programs will be conducted.

April - September 2002

Program Implementation. All involved parties will work collaboratively to fulfill the MOU. The activities will contain "overlapping concepts" that highlight the links between the Slough's habitats and the coastal and beach habitats of the Sanctuary, and demonstrate how our human communities use and impact those areas. The collaborative education team will ensure that each activity or interpretive program will have clear and defined goals with conservation messages, and when facilitated with school groups, will support the current classroom curriculum used by teachers. The programs and events will include environmental and conservation-related themes that celebrate our region's rich cultural history through science, language-arts, and history. The activities will include, but are not limited to: plant and dune restoration projects; water quality monitoring projects; estuarine and marine field ecology; bird, mammal, and other wildlife surveys; beach and community clean-ups; fish dissections and fish printing, and special community events.

September – December 2002

Evaluation will be on-going, with periodic reports due. A final report will be due at the end of the year.

Total Time - 10 months

Budget:

We have scaled back the original proposal for \$135,000 that included support for a one-year, full time contract with a variety of educational resources, to a proposal for \$50,000 that will support a part-time, seasonal educator equipped with the basics for an effective outreach program. Spring and Summer are seasonally the highest visitation for ESNERR and State Parks.

A seasonal contract (April through September) to provide bilingual outreach education services (includes some additional for travel and incidental supplies)	\$30,000
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Equipment for the bilingual outreach instructor:

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|---|---------|
| • Laptop computer | \$3,000 |
| • Cell phone, plus monthly service | \$600 |
| • GSA outreach vehicle (gas covered by Sanctuary) | \$5,000 |

Contract funds for program evaluation services	\$2,000
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Contract funds for quality, Spanish-language translation services	\$2,000
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Equipment needed for various science & conservation-based outreach activities.

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|---|---------|
| • Restoration activities (plants, plant propagation materials, soil, etc.) | \$2,000 |
| • Bird & marine mammal activities (10 sets binoculars, spotting scope, tape recorder) | \$1,400 |
| • Misc. program materials such as an ice-chest, fish tanks, buckets, laminated maps, posters, field guides, 3-D watershed model | \$2,000 |

Graphics and layout and printing costs for bilingual outreach materials.

Initial ideas include:

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| • a new brochure focusing on regional water quality issues in Spanish and English highlighting the Slough/Sanctuary/ State Parks | \$2,000 |
|--|---------|

Total Budget for Project	\$50,000
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State Parks, the Elkhorn Slough National Estuarine Research Reserve and the Monterey Bay National Marine Sanctuary will provide staff support and coordination. Monterey Bay National Marine Sanctuary will provide management and administrative oversight to the project.

The MBNMS MERITO plan is still under review with the Office of National Marine Sanctuaries and the National Ocean Service. The Sanctuary's Multicultural Plan has so far met with much approval, and with the advent of a new fiscal year, we are confident that NOAA will allocate additional funds to support this program. The issue of supporting diversity initiatives is a primary focus within NOAA this year, and the development of the MERITO Plan is a direct result of that interest. We hope that approval of this proposal by the Resources Agency will help to garner both internal and external support for funding of this program.

Enclosures: Support letters from Elkhorn Slough National Estuarine Research Reserve, California State Parks, and the Monterey Bay National Marine Sanctuary Advisory Council

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PROJECT PROPOSAL FORM**

Department: State Coastal Conservancy
Prepared by: Steve Horn, Deputy Executive Officer
Phone number: (510) 286-4157
Address: 1330 Broadway, Suite 1100
Oakland, CA 94610
E-mail: horn@scc.ca.gov
Title of project: Public Access Project
Project location: Five oceanfront sites
Total cost: \$4,364,000
Funding request: \$300,000

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Project Summary:

The following pages describe the following public access projects:

1. Pfeiffer Beach	\$ 80,000
2. Dana Point Ocean Institute	\$ 80,000
3. Cambria East-West Ranch Access Mgmt Plan	\$ 60,000
4. Pacifica Coastal Trail	\$ 80,000
5. Eureka Waterfront Boardwalk	\$ 100,000

Consistency with Mission and Goals (All Public Access Projects):

The coastal access projects described below would support a principal policy goal of the Coastal Management Program: to provide maximum public access to and along the shoreline in a manner protective of natural resources and the rights of private landowners. These projects will promote the mission and goals of the California Coastal Impact Assistance Program, in that they will:

- maximize the interest of California residents in providing public access to State Tidelands (Goal #4)
- maximize appropriate stewardship of coastal resources by designing public recreation facilities to avoid conflicts with natural resources, based upon sound environmental assessment of these needs and potential conflicts (Goal #1)
- maximum sustainable economic activities in the coastal zone through providing environmentally sound facilities that will encourage and support tourism and visitor commercial uses without harm to the underlying resource lands (Goal #2)

1.) Pfeiffer Beach Access \$ 80,000

Owned and operated by the U.S. Forest Service, Pfeiffer Beach Day Use Area is one of the most popular public shoreline access sites in Big Sur, receiving as many as 800 visitors per day. Existing parking, bathroom, and beach access trail facilities are inadequate to meet current as well as projected public use, and are not accessible to persons with disabilities. In addition, indiscriminate parking and pedestrian trails have resulted in trampled vegetation, wildlife and fisheries deterioration, and heritage resource impacts. The proposed project will correct these deficiencies by enhancing public access to Pfeiffer Beach through improved road, parking, trail, sanitation, and solid waste facilities and services. Adverse impacts to a sensitive riparian zone and prehistoric cultural site will be reduced, and access for persons with disabilities will be constructed. In addition, a transportation management plan (TMP) will be implemented along the road between Highway One and the Pfeiffer Beach. The TMP is intended to increase safety, reduce conflicts between residential and recreational users, and ensure that visitor use does not exceed the capacity of the proposed access facility and threaten sensitive coastal resources. The proposed CIAP grant would combine with Conservancy Proposition 12 funds and U.S. Forest Service funds to complete these improvements.

Project Budget and Funding Sources:

Summary of Budget

Plan/CEQA/permits	\$ 28,000
Final design and engineering	40,000
Materials and construction	660,000
Construction administration	<u>80,000</u>
<u>Total Project Cost</u>	\$ 808,000

Funding Sources

Coastal Conservancy Proposition 12	\$ 70,000
U.S. Forest Service	658,000
Proposed CIAP Grant	<u>80,000</u>
	\$ 808,000

Project Implementation Timetable:

Plan/CEQA/permits	4 months
Final design and engineering	2 months
Construction	<u>6 months</u>
<u>Total implementation</u>	12 months

2.) Dana Point Ocean Institute Land's End Accessway \$80,000

The proposed project would create an environmentally-appropriate accessway to the Dana Point Marine Life Refuge. The accessway will both facilitate public access and act as a buffer and transition area separating the heavy use portions of the Dana Point Harbor from the sensitive habitat resources of the Refuge. It will use native and drought-tolerant planting and the creation of a natural topography of low berms and swales, to complement the existing bluff and create the feeling of a natural "Land's End." The existing public parking area will be relocated to the main parking lot on the opposite side of the Dana Point Ocean Center. An accessible pathway will be developed as a plank walkway from the existing promenade to the jetty adjacent to the Marine Refuge. Seating on natural stone slabs and picnic areas with rustic plank tables and stone and plank benches will be developed, including a whale-watching area.

The shoreline access project will provide the potential for interpretation of maritime plant communities and the coastal shore environment. It will also reinforce the theme underlying both the Ocean Center and the Refuge: that education and understanding of nature lead to respect and caring for the environment. Signing and visual cues along the transition through

Land's End to the Marine Refuge will inform the visitor that the area is sensitive and will suggest appropriate behavior for the Refuge area.

The proposed project is part of a planned \$16.5 million upgrade and expansion of the Dana Point Ocean Education Center. The site is operated by the Ocean Institute, a private nonprofit organization that provides marine, earth, life, and physical field science courses to more than 78,000 students a year. The proposed redesign and revegetation of the Land's End shoreline access site would complement the effort of the Ocean Institute to provide expanded classrooms, improved life support systems, and expanded public display space.

Project Budget and Funding Sources (accessway only):

Summary of Budget

Materials and labor	\$ 385,000
Mobilization and construction management	<u>130,000</u>
<u>Total Project Cost</u>	\$ 515,000

Funding Sources

Coastal Conservancy Proposition 12	\$ 170,000
Dana Point Ocean Institute	265,000
Proposed CIAP Grant	<u>80,000</u>
	\$ 515,000

Project Implementation Timetable:

Mobilization and construction	20 months
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3.) Cambria East-West Ranch Access Mgmt Plan \$60,000

The 422-acre East West Ranch property is an oceanfront site in Cambria that was purchased in November 2000. Title is held by the local Community Services District (CCSD). A principal purpose for the acquisition of the property was to provide the opportunity for substantial new public access, including the development of a public access trail connecting downtown Cambria with the ocean. There is also the potential for a trail along the bluff edge and connecting to Shamel County Park and San Simeon State Beach to the south.

There is currently a modest level of public access on the property, but this access is primarily by local residents and is confined to a narrow corridor along the coastal bluff. As mentioned above, the property has many other areas that could provide opportunities to the public for access and recreation. However, the property also has a number of sensitive natural resources, including Santa Rosa Creek and the Monterey pine forest, in need of protection and enhancement. Careful planning is needed in order to realize the property's full potential as a coastal accessway and at the same time protect its natural areas.

Although the CCSD is the owner of the East West Ranch property, due to its limitations of staff and resources, the CCSD will not be managing the property on a day-to-day basis. Instead, the CCSD will enter into a long-term agreement with a local nonprofit organization that will be better suited to the tasks of planning and developing trails, carrying out restoration projects, conducting routine maintenance, and managing public access. An access management plan is necessary to support this function, to be developed by the CCSD and its property manager working in close consultation with the Coastal Conservancy and members of the local community.

The management plan would include design of a public hiking and bicycle trail from downtown Cambria west along the floodplain of Santa Rosa Creek and onto the coastal terrace. Other likely elements would be the development of a 1.2-mile segment of coastal trail along the bluffs, and a link through an access easement on property owned by the CCSD (where parking will be provided) north to Shamel County Park and San Simeon State Beach, also known as Moonstone Beach. A County regional park could be developed on the portion of the property east of Highway 1 to provide for more active forms of recreation, park uses that are much needed in this region.

Project Budget and Funding Sources:

Summary of Budget

Data assemblage; mapping	\$ 25,000
Consultant preparation of access plan	60,000
CEQA analyses and documents	25,000
Public outreach and meeting facilitation	<u>40,000</u>
<u>Total Project Cost</u>	\$ 150,000

Funding Sources

Coastal Conservancy Proposition 12	\$ 90,000
Proposed CIAP Grant	<u>60,000</u>
	\$ 150,000

Project Implementation Timetable:

Data assemblage; mapping	3 months
Consultant preparation of access plan	4 months
CEQA analyses and documents	3 months
Public outreach and meeting facilitation	<u>2 months</u>
<u>Total Implementation</u>	12 months

4.) Pacifica Coastal Trail \$80,000

The proposed project is the construction of a wheelchair-accessible pedestrian walkway that would provide a connection between Rockaway Beach and Pacifica State Beach. The proposed walkway would consist of both paved trail segments and elevated boardwalk and would constitute a section of the Pacifica Coastal Trail. The City of Pacifica has just completed a combined bicycle lane and pedestrian path that starts at the northern city limit and ends at the north end of Rockaway Beach. The proposed CIAP project would connect to this recently completed trail, creating a continuous coastal accessway from the northern city limit all the way down to Pacifica State Beach.

The project would replace the existing network of informal use trails that cross the area and would provide coastal access to wheelchair users as well as pedestrians. Located entirely on property owned in fee by the California Department of Transportation, which has agreed to make it available for this purpose, the improved trail help to redirect public access away from environmentally sensitive areas. The proliferation of these trails is degrading the dune vegetation and contributing to erosion of the dune area. The dunes around Pacifica State Beach support a winter population of the western snowy plover. Uncontrolled and undirected public access across the dunes disturbs the wintering birds and discourages any successful establishment of a snowy plover breeding population. The City will then be able to restore the dunes and re-establish native plants.

Benches would be provided at regular intervals, and wheelchair platforms would be constructed every 30 feet as required by federal Americans with Disabilities Act (ADA) standards.

The beaches of Pacifica are heavily used year-around by people from throughout the Bay area. Easily accessible from the Peninsula cities as well as San Francisco, Pacifica State Beach attracts more than 125,000 visitors each year. The proposed project would greatly improve the quality of that access.

Project Budget and Funding Sources:

Summary of Budget

Design/engineering/CEQA/permits	\$ 77,000
Materials	171,000
Contractor and Labor	<u>433,000</u>
<u>Total Project Cost</u>	\$ 681,000

Funding Sources

Coastal Conservancy Proposition 12	\$ 220,000
City of Pacifica	112,000
ISTEA Grant	269,000
Proposed CIAP	<u>80,000</u>
<u>Total Funding Available</u>	\$ 681,000

Project Implementation Timetable:

Design/engineering/CEQA/permits	4 months
Contracting and construction	<u>8 months</u>
<u>Total Implementation</u>	12 months

5.) Eureka Waterfront Boardwalk \$100,000

The proposed project includes the construction of a pedestrian boardwalk and related public access improvements along a ½-mile section of the Eureka Waterfront, adjacent to the Old Town historic district of Eureka. The project will greatly enhance the City of Eureka's efforts to revitalize its deteriorating waterfront area, by creating public access, seating/rest areas and a bayfront public plaza.

The boardwalk will extend from C Street to approximately 190 feet east of F Street. It would be a trestle-type fixed concrete structure, varying in width from 16 to 24 feet. In order to construct the boardwalk, the City will remove a number of creosote-treated wood pilings and other debris, and will install rock slope protection under the boardwalk. The project will also include an interpretive kiosk at the foot of F Street.

The Eureka City Council has made revitalization of its waterfront its number one priority. The City and its redevelopment agency have demonstrated their commitment through significant financial contributions to the project including the acquisition of several key waterfront properties. Through the City's Inner Channel Dock and Boardwalk Revitalization Project, engineering plans and designs for the project have already been completed. CIAP funds would be matched with Conservancy Proposition 12 funds to implement this plan.

Project Budget and Funding Sources:

Summary of Budget

Final engineering, plans and specifications	\$ 150,000
Materials and construction, C Street Plaza	1,130,000
Materials and construction, C/D Sts. boardwalk	780,000
Construction management	<u>150,000</u>
<u>Total Project Cost</u>	\$2,210,000

Funding Sources

Coastal Conservancy Proposition 12	\$ 400,000
City of Eureka	1,710,000
Proposed CIAP	<u>100,000</u>
<u>Total Available Funding</u>	\$2,210,000

Project Implementation Timetable:

Final engineering, plans and specifications	3 months
Construction	<u>9 months</u>
<u>Total implementation</u>	12 months